

# Jupiter/Carlin Renourishment Project

## A Palm Beach County Shore Protection Project

### Project Location

- Northern Palm Beach County, south of the Jupiter Inlet, extending to the southern boundary of Carlin Park. (1.08 miles)

### The Problem

- Storm events and the project area's downdrift proximity to the Jupiter Inlet have resulted in chronic erosion which extends from the inlet south along the shoreline.
- Beach erosion threatens park lands & buildings and has caused loss of important beach & dune habitat and recreation area.

### Solutions

- Ongoing efforts to stabilize the shoreline include large scale beach nourishment, dune restoration by PBC, and ICW maintenance & inlet bypass dredging by the Florida Inland Navigational District (FIND) and the Jupiter Inlet District (JID).

### Benefits

- A stabilized beach and dune will provide storm protection, recreational opportunities, and sea turtle nesting habitat.

Connect with the Department of Environmental Resources Management and download our mobile maps.



Subtropical Storm Andrea caused the collapse of a maintenance building along Jupiter Beach Park (May 2007).



Heavy equipment moved dredged sand during County's 2002 renourishment.

### Project Overview

- The project area includes both Jupiter Beach and Carlin parks and has received sand from two large-scale County beach nourishment projects (1995 & 2002) and multiple sand trap (JID) & Intracoastal Waterway (FIND) dredging events.
- In 2008 & 2012, two large-scale dune restoration projects were completed.
- The US Army Corps of Engineers effort to secure Federal funding for future projects is ongoing.
- All permits for the project have been issued.
- Construction is scheduled to begin in Fall 2014.

### FAQ:

- **How much will the project cost?**  
Early estimates put total project costs around \$12 million dollars.
- **How much sand is needed?**  
Approximately 820,000 cubic yards of sand
- **Where is the sand coming from?**  
A borrow area located offshore
- **How will the County construct the project?**  
A dredge will excavate and pump the sand to the beach where it will be spread with heavy equipment to the desired profile.

### Project Partners

Palm Beach County, Florida Department of Environmental Protection, US Army Corps of Engineers



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